

scattering mechanism can show a sufficient function.

In this manner, with the structure of the fifth embodiment, the fifth embodiment can provide approximately the same advantage as described in the third embodiment.

5 (Sixth Embodiment)

Fig. 18 is a sectional view showing a structure of a reflection-type color liquid crystal display apparatus according to a sixth embodiment of the present invention. The point in which the structure of the reflection-type 10 color liquid crystal display apparatus which is the sixth embodiment is largely different from the fifth embodiment described above lies in the fact that an uneven insulation film 41 formed on the transparent insulation substrate 21 and a flattened and scattering auxiliary film 43 formed on 15 the uneven insulation film 41 constitute the light scattering mechanism.

That is, in the sixth embodiment, as shown in Fig. 18, an acryl film or a polyimide film is formed on the surface of the second transparent insulation substrate 21 on the 20 side of the liquid crystal 3 to form an uneven insulation film 41 is formed so that the uneven insulation film 41 is covered, and then a flattened and a scattering auxiliary film 43 is formed on the uneven insulation film 41 to constitute the light scattering mechanism. On the flattened 25 and scattering auxiliary film 43, the common opposite electrode 22 is formed of ITO or the like, and on the opposite electrode 22, a liquid crystal orientation layer 23 is formed of polyimide or the like, respectively. In this

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manner, even when the light scattering mechanism is constituted of the uneven insulation film 41 formed on the surface of the second transparent insulation film 21 and the flattened and scattering auxiliary film 43 formed on the 5 uneven insulation film 41, the light scattering mechanism can show a sufficient function.

In this manner, with the structure of the sixth embodiment, the sixth embodiment can provide approximately the same advantage.

10 Thus, the embodiment of the present invention has been described in detail, but the concrete structure is not restricted to the above embodiment. The change in the design which is not deviated from the scope of the gist of the present invention is also included in the present 15 invention. For example, as a switching element for driving the liquid crystal, there is shown an example using the TFT as the switching element for driving the liquid crystal. The present invention is not restricted thereto. Other switching element such as a diode or the like can be used.

20 Furthermore, as the liquid crystal driving element formation substrate, a transparent insulation substrate is used to form a switching element thereon. The present invention is not restricted thereto. Other substrate such as the semiconductor substrate formed of the silicon 25 substrate or the like is used to form the switching element. Furthermore, one example is shown with respect to the conditions such as method for forming each kind of insulation film and conductive film or the like, the

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thickness thereof and the like, it can be modified according to purpose or use.